

|  |                      |                      |
|--|----------------------|----------------------|
| <p align="center"><b>DECLARATION AND POWER OF<br/>ATTORNEY FOR UTILITY OR DESIGN<br/>PATENT APPLICATION<br/>(37 CFR 1.63)</b></p> <p> <input type="checkbox"/> Declaration Submitted with Initial Filing         <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing       </p> | Attorney Docket No.  | 1768-138             |
|  | First Named Inventor | Timothy J. N. CARTER |
|  | COMPLETE IF KNOWN    |                      |
|  | Application Number   |                      |
|  | Filing Date          |                      |
|  | Group Art Unit       |                      |
|  | Examiner Name        |                      |

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: OPTICAL CHEMICAL SENSING DEVICE WITH PYROELECTRIC OR PIEZOELECTRIC TRANSDUCER the specification of which was filed on April 8, 2004 as PCT International Application Number PCT/GB2004/001551.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

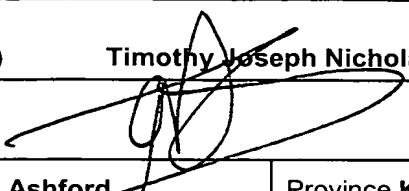
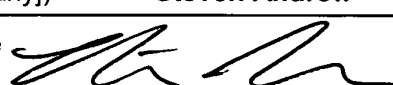
| Prior Foreign Application Numbers | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed                                 | Certified Copy Attached?                             |  |
|-----------------------------------|---------|----------------------------------|--|--|--|
|                                   |         |                                  |  | YES  | NO   |
| 0308324.3                         | GB      | 04-10-2003                       | <input type="checkbox"/><br><input type="checkbox"/> | <input type="checkbox"/><br><input type="checkbox"/> | <input type="checkbox"/><br><input type="checkbox"/> |

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) |
|-----------------------|--------------------------|
|                       |                          |

I or we hereby appoint the registered practitioner(s) associated with Customer No. **6449** to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Direct all correspondence to Customer Number **6449**.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |                      |   |                       |
|--|----------------------|---|-----------------------|
| <b>NAME OF FIRST INVENTOR:</b>   |                      | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                       |
| Given Name<br>(first and middle [if any]) <b>Timothy Joseph Nicholas</b>                               |                      | Family Name<br>or Surname <b>CARTER</b>                                       |                       |
| Inventor's Signature  |                      | Date <b>19th December 2005</b>  |                       |
| Residence: City <b>Ashford</b>   | Province <b>Kent</b> | Country <b>GB</b>   | Citizenship <b>GB</b> |
| Mailing Address <b>Viking House</b>  |                      |   |                       |
| Mailing Address <b>Ellingham Way</b>   |                      |   |                       |
| City <b>Ashford</b>  | Province <b>Kent</b> | Postal Code <b>TN23 6NF</b>   | Country <b>GB</b>     |
| <b>NAME OF SECOND INVENTOR:</b>  |                      | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                       |
| Given Name<br>(first and middle [if any]) <b>Steven Andrew</b>   |                      | Family Name<br>or Surname <b>ROSS</b>   |                       |
| Inventor's Signature  |                      | Date <b>19/12/2005</b>  |                       |
| Residence: City <b>Ashford</b>   | Province <b>Kent</b> | Country <b>GB</b>   | Citizenship <b>GB</b> |
| Mailing Address <b>Viking House</b>  |                      |   |                       |
| Mailing Address <b>Ellingham Way</b>   |                      |   |                       |
| City <b>Ashford</b>  | Province <b>Kent</b> | Postal Code <b>TN23 6NF</b>   | Country <b>GB</b>     |